

# 熱 鍍 鋅 鋼 片

## Continuously Hot-Dip Zinc Coated Steel Sheets

歐盟標準 European Standard EN 10346: 2009



鍍層附著標記 Coating Mass Symbol Z275	單位重量 Unit Weight (千克/件) (kg/sh)	尺寸 Size (mm)		單位重量 Unit Weight (千克/件) (kg/sh)	尺寸 Size (mm)	
		914 x 1829 (3' x 6')	1219 x 2438 (4' x 8')		914 x 1829 (3' x 6')	1219 x 2438 (4' x 8')
	厚度 Thickness (mm)					
	0.55	7.15	12.70	1.40	18.30	32.53
	0.60	7.80	13.87	1.50	19.68	34.87
	0.70	9.11	16.20	1.60	20.90	37.17
	0.80	10.42	18.53	2.00	26.16	46.53
	0.90	11.81	21.00	2.30	30.81	54.80
	1.00	13.05	23.20	3.00	39.37	70.00
	1.10	14.36	25.54	4.00	53.14	94.50
	1.20	15.68	27.87	4.50	59.60	106.00

只供參考 For reference only

### 布氏硬度 Brinell Hardness (HBW)

鍍層代號 Coating Designation	兩面計最少鍍層重量		單面計單點理論鍍層厚度		鍍層密度率
	Minimum coating mass total both surfaces		Theoretical guidance values for coating thickness per surface in the single spot test		
	(g/m <sup>2</sup> )		(μm)		(g/cm <sup>3</sup> )
	Triple Spot Test	Single Spot Test	Typical Value	Range	
Z140	140	120	10	7 to 15	7.1
Z200	200	170	14	10 to 20	
Z225	225	195	16	11 to 22	
Z275	275	235	20	15 to 27	

Other coating designation can be negotiated with the mill.

### 化學成分 Chemical Composition

型號 Designation	不大於 Maximum (%)					
	C	Si	Mn	P	S	Ti
DX51D	0.18	0.50	1.20	0.12	0.045	0.30
DX52D	0.12	0.50	0.60	0.10	0.045	0.30
DX53D	0.12	0.50	0.60	0.10	0.045	0.30

Chemical compositions can be negotiated with the mill in case of steel grades except for DX51D.

### 機械性能 Mechanical Properties

型號 Designation	屈服強度	抗拉強度	延伸率
	Yield Strength	Tensile Strength	Elongation
	(Mpa)	(Mpa)	不少於 Min. (%)
DX51D	-	270 to 500	22
DX52D	140 to 300	270 to 420	26
DX53D	140 to 260	270 to 380	30

\*Other mechanical properties can be negotiated with the mill.

# 鍍 55% 鋁 鋅 鋼 片

## 55% Al-Zn Coated Steel Sheets

廠方標準 Mill Standard

鍍55%鋁鋅鋼板具耐候性合金層，由約55%鋁，1.5%矽，其餘為鋅溶液浸鍍後形成。

The 55% Al-Zn Steel sheets with protective coating alloy comprises of about 55% Aluminium, 1.5% Silicon and balanced Zinc.

鋅層代號 Coating Mass Designation	單位重量 Unit Weight (千克/米) (kg/m)	厚度 Thickness (mm)										
		0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.80	1.00	1.20
AZ120	762	1.89	2.19	2.49	2.79	3.09	3.39	3.69	3.99	4.88	6.08	7.28
	914	2.27	2.63	2.99	3.35	3.71	4.07	4.42	4.78	5.86	7.29	8.73
	1000	2.49	2.88	3.27	3.66	4.06	4.45	4.84	5.23	6.41	7.98	9.55
	1219	3.03	3.51	3.99	4.46	4.94	5.42	5.90	6.38	7.81	9.73	11.64
AZ150	762	1.92	2.22	2.51	2.81	3.11	3.41	3.71	4.01	4.91	6.10	7.30
	914	2.30	2.66	3.02	3.37	3.73	4.09	4.45	4.81	5.89	7.32	8.76
	1000	2.52	2.91	3.30	3.69	4.09	4.48	4.87	5.26	6.44	8.01	9.58
	1219	3.07	3.54	4.02	4.50	4.98	5.46	5.94	6.41	7.85	9.76	11.68
AZ165	762	1.93	2.23	2.53	2.83	3.12	3.42	3.72	4.02	4.92	6.12	7.31
	914	2.31	2.67	3.03	3.39	3.75	4.11	4.46	4.82	5.90	7.33	8.77
	1000	2.53	2.92	3.32	3.71	4.10	4.49	4.89	5.28	6.46	8.03	9.60
	1219	3.08	3.56	4.04	4.52	5.00	5.48	5.95	6.43	7.87	9.78	11.70
AZ180	762	1.94	2.24	2.54	2.84	3.14	3.43	3.73	4.03	4.93	6.13	7.32
	914	2.33	2.68	3.04	3.40	3.76	4.12	4.48	4.84	5.91	7.35	8.78
	1000	2.55	2.94	3.33	3.72	4.12	4.51	4.90	5.29	6.47	8.04	9.61
	1219	3.10	3.58	4.06	4.54	5.02	5.49	5.97	6.45	7.89	9.80	11.71

(一) 表面處理可選擇一般鍍鋁鋅花，附加烤漆塗油或 / 和耐指紋塗膜。

(二) 如需特殊尺寸，鍍層或其它規格，可按情況磋商提供。

(1) Additional colour painting and / or anti-finger print treatment can be provided on regular spangle surface upon request.

(2) Special requirement for product's dimensions, galvanized coating or other specifications is to be supplied as request.

# 電 鍍 鋅 鋼 片

## Electrolytic Zinc - Coated Steel Sheets

日本標準 Japanese Standard JIS G3313

厚度 Thickness (mm)	單位重量 Unit Weight (千克/件) (kg/sh)	尺寸 Size (mm)		
		914 x 1829	1219 x 2438	1524 x 3048
		(3' x 6')	(4' x 8')	(5' x 10')
0.50	6.62	11.77	18.40	
0.60	7.93	14.10	22.05	
0.70	9.25	16.44	25.69	
0.80	10.56	18.77	29.34	
0.90	11.87	21.10	32.99	
1.00	13.18	23.44	36.63	
1.10	14.50	25.77	40.28	
1.20	15.81	28.10	43.92	
1.50	19.74	35.10	54.86	
1.60	21.06	37.43	58.51	
1.90	24.99	44.43	69.45	
2.00	26.31	46.77	73.10	
3.00	39.43	70.10	109.56	

只供參考 For reference only